

1 Abstract

2 A method for making a magnetic disk comprises forming first and second
3 protective carbon layers on a magnetic layer. The first protective carbon layer is
4 predominantly SP3 carbon. The second protective carbon layer comprises about 50% or
5 less SP3 carbon. The second protective carbon layer is very thin, e.g. between 0.1 and
6 1.0 nm thick. A lubricant layer (e.g. a perfluoropolyether lubricant) is applied to the
7 second protective carbon layer. The second protective carbon layer facilitates improved
8 cooperation between lubricant and the disk.